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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Chris BERTELO et al.

Serial No.: 09/088,707 *pdf*

Filed: June 2, 1998

For: IMPACT ADDITIVE OF THE CORE/SHELL TYPE FOR THERMOPLASTIC
POLYMERS (AS AMENDED)



Examiner: J. Mullis

Group Art Unit: 1711

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[Signature]

SECOND SUPPLEMENTAL AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Further to the Amendment filed on March 20, 2000, and Supplemental Amendment
filed on June 26, 2000, please amend the above-identified application as follows and consider
the remarks.

IN THE CLAIMS

Please add the following claims:

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69. A thermoplastic polymer composition containing a core-shell impact additive,
such impact additive comprising:

(a) 70% to 90% by weight of a crosslinked elastomeric core composed of
either a polyorganosiloxane or a copolymer of an n-alkyl acrylate, the n-alkyl group having
from 5 to 12 carbon atoms, said elastomeric core further comprising:

E
cont
P
a polyfunctional crosslinking agent possessing unsaturated groups in its
molecules, at least one of which is a vinyl group, and
diallyl maleate as a grafting agent, *and*

with the provision that when the crosslinked elastomeric core is composed of a
polyorganosiloxane, said polyorganosiloxane amounts to no more than 40% by weight of said
crosslinked elastomeric core, and *P*